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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 63472(50533)
INTERNATIONAL APPLICATION NO. PCT/DK2003/000788		INTERNATIONAL FILING DATE 18 November 2003
TITLE OF INVENTION AMINO-LNA, THIO-LNA AND ALPHA-L-OXY-LN		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/535472
APPLICANT(S) FOR DO/EO/US Signe M. Christensen et al.		PRIORITY DATE CLAIMED 18 November 2002

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

Copy of International Application as published WO 2004/046160 A2, Form PCT/IB/304,
WO 2004/046160 A3, Form PCT/IPEA/416, International Preliminary Examination Report,
and Return Receipt Postcard.

U.S. APPLICATION NO. (If known, see 37 CFR 1.51) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/535472</div>		INTERNATIONAL APPLICATION NO. PCT/DK2003/000788		ATTORNEY'S DOCKET NUMBER 63472(50533)		
The following fees have been submitted				CALCULATIONS	PTO USE ONLY	
21.	<input checked="" type="checkbox"/> Basic national fee	\$300		\$ 300.00		
22.	<input checked="" type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....				\$ 100.00		
All other situations				\$ 200.00		
23.	<input checked="" type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....				\$ 100.00		
International Search Report prepared and provided to the Office				\$ 400.00		
All other situations				\$ 500.00		
TOTAL OF 21, 22 and 23 =				\$ 1,000.00		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			
78 - 100 =	/50 =		x \$250.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims	45 - 20 =	25	x 50.00	\$ 1,250.00		
Independent claims	5 - 3 =	2	x 200.00	\$ 400.00		
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+ 360.00	\$ 360.00		
TOTAL OF ABOVE CALCULATIONS =				\$ 3,010.00		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$		
SUBTOTAL =				\$ 1,505.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$		
TOTAL NATIONAL FEE =				\$ 1,505.00		
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$		
TOTAL FEES ENCLOSED =				\$ 1,505.00		
				Amount to be refunded:	\$	
				Amount to be charged:	\$	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.						
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>04-1105</u> in the amount of \$ <u>1,505.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-1105</u> . A duplicate copy of this sheet is enclosed.						
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO: Robert L. Buchanan, Esq. EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02205 (617) 439-4444 CUSTOMER NUMBER: 21874						
				SIGNATURE: <u>Stephana E. Patton, Ph.D.</u> NAME		
				50,373 REGISTRATION NUMBER		

Application No. (if known): Not Yet Assigned

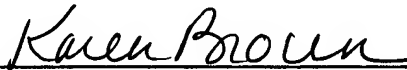
Attorney Docket No.: 63472(50533)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV493498992US in an envelope addressed to:

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Date



Signature

Karen Brown

Typed or printed name of person signing Certificate

N/A

Registration Number, if applicable

(617) 439-4444

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office
Application Data Sheet
International Application as Published WO 2004/046160 A2
Form PCT/IB/304
Form PCT/IPEA/416
WO 2004/046160 A3
International Preliminary Examination Report
Preliminary Amendment
Charge \$1,505.00 to Deposit Account No. 04-1105
Return receipt postcard